



PTO/SB/08a (08-03)

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|                                  |   |    |   | Application Number   | 10/717,303        |
|                                  |   |    |   | Filing Date          | November 19, 2003 |
|                                  |   |    |   | First Named Inventor | James Economy     |
|                                  |   |    |   | Group Art Unit       | 1762              |
|                                  |   |    |   | Examiner Name        |                   |
| Sheet                            | 1 | of | 2 | Attorney Docket No.  | 09800240-0063     |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear |
|                       |                       | Number-Kind Code <sup>2</sup> ( <i>If known</i> ) |                                |  |   |
| SS                    | 1                     | US-5,399,377                                      | 03-21-1995                     | Economy et al.                                     |   |

|                    |                           |                 |         |
|--------------------|---------------------------|-----------------|---------|
| Examiner Signature | <i>Stephen Steinweiss</i> | Date Considered | 1/28/06 |
|--------------------|---------------------------|-----------------|---------|

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| <b>OTHER ITEMS – NON PATENT LITERATURE DOCUMENTS</b>  |   |   |                          |                        |
| Examiner Initials*  | Cite No. <sup>1</sup>   | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |                          | T <sup>2</sup>         |
| SS  | 2   | AWASTHI et al., "C/C Composite Materials for Aircraft Brakes," Advanced Ceramic Materials, 1988, pp. 449-451, Vol. 3.   |                          |                        |
|   | 3   | COFER et al., "Oxidative and Hydrolytic Stability of Boron Nitride - A New Approach to Improving the Oxidation Resistance of Carbonaceous Structures," Carbon, 1995, pp. 389-395, Vol. 33.  |                          |                        |
|   | 4   | COFER, "Processing and Characterization of Boron Nitride Composites and Films," Ph.D. Thesis, University of Illinois, 1995 (141 pages).   |                          |                        |
|   | 5   | COFER et al., "Characterization of Fiber/Matrix Interfaces in Composites with a Boron Nitride Matrix," Composites Sci. & Techn., 1996, pp. 967-975, Vol. 56.  |                          |                        |
|   | 6   | COFER et al., "Carbon/Boron Nitride Composites: An Alternative to Carbon/Carbon," Proceeding of the 19 <sup>th</sup> Annual Coca Beach Conference on Composites, 1995 (5 pages).  |                          |                        |
|   | 7   | ECONOMY et al., "A One-Step Process for Fabrication of Carbon-Carbon Composites," Carbon, 1991, pp. 81-85, Vol. 30.   |                          |                        |
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|   | 9   | FIBERGLASS FABRICATION INDUSTRY, "Resin Transfer Molding (RTM)," obtained from <a href="http://www.pprc.org/pprc.sbp/fiber/rtm.cfm">http://www.pprc.org/pprc.sbp/fiber/rtm.cfm</a> , 2003, 2 pages.   |                          |                        |
|   | 10  | KIM et al., "Fabrication of Oxidation Resistant Carbon Fiber/Boron Nitride Matrix Composites," Chem. Mat., 1993, pp. 1216-1220, Vol. 5.   |                          |                        |
|   | 11  | KIM et al., "Occurrence of Liquid Crystallinity in a Borazine Polymer," Chem. Mater., 1994, pp. 395-400, Vol. 6.  |                          |                        |
|   | 12  | KIM et al., "Fabrication and Properties of Ceramic Composites with a Boron Nitride Matrix," J. Am. Ceram. Soc., 1995, pp. 1546-1552, Vol. 78.   |                          |                        |
| SS  | 13  | KRENKEL, "CMC Materials for High Performance Brakes," ISATA Conference n Supercars, Aachen, 1994, pp. 769-775.  |                          |                        |
| SS  | 14  | ROWE, "Some Observations on the Frictional Behaviour of Boron Nitride and of Graphite," Wear, 1960, pp. 274-285, Vol. 3.  |                          |                        |
| Examiner Signature  |  |   | Date Considered          | 1/28/06                |

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(Rev. 8-88)



Attorney Docket No.  
ILL04-030-US

Serial No.  
10/717,303

Applicant:  
James Economy, et al.

Filing Date:  
November 19, 2003

Group:  
1762

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

| Examiner Initial* | OTHER ITEMS - NON PATENT LITERATURE DOCUMENTS<br>Include, as applicable: Author, Title, Date, Publisher, Edition or Volume, Pertinent Pages |   |
|-------------------|---|---|
| SS                | B1  | Gibson, D. W. et al., "Carbon/Carbon Friction Materials for Dry and Wet Brake and Clutch Applications", 1998, SAE Transactions, vol. 98, pp. 813-817. |
|                   | B2  |   |
|                   | B3  |   |

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